

a camera mounted in the housing having an output for providing a full motion video signal;

a decoder, mounted in the housing, for receiving the full motion video signal from the camera and for converting the full motion video signal into a sequence of digital still images;

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a digital, computer-readable and writeable random-access medium mounted in the housing, and connected to receive and store the sequence of digital still images from the decoder in a computer-readable file format and to provide digital still images stored thereon;

means, in the housing, for enabling the individual to capture digital still images from the decoder into a plurality of data files on the digital, computer-readable and writeable random-access medium, wherein each of the plurality of data files stores a sequence of digital still images;

an encoder mounted in the housing and having an input for receiving a sequence of digital still images, for generating as an output a full motion video signal;

a switch mounted in the housing and having a first input for receiving digital still images from the decoder and a second input for receiving digital still images from the digital, computer-readable and writeable random-access medium, and an output connected to the input of the encoder;

an interface on the housing for causing the switch to provide one of the first and second inputs as the sequence of digital still images to the input of the encoder;

means, in the housing, for enabling the individual to specify a sequence of segments of the plurality of data files stored on the digital, computer-readable and writeable random-access medium; and

means, in the housing, for enabling the individual to initiate playback of full motion video through the switch and the encoder using the digital still images from the plurality of data files stored on the digital, computer-readable and writeable random-access medium according to the specified sequence of segments of the plurality of data files.

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2. Previously Cancelled.

3. Previously Cancelled.

4. (Three times amended) A digital video recording device, comprising:

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- a portable housing;
- a camera mounted on the portable housing having an output providing a video signal;
- a decoder mounted in the portable housing having an input connected to the output of the camera and an output providing digital video information as a sequence of digital still images;
- a random-access, computer-readable and writeable medium mounted in the portable housing and for storing digital video information from the decoder as a sequence of digital still images in a computer-readable file format and for providing digital video information stored thereon;

means, in the portable housing, for enabling a user to capture sequences of digital still images from the decoder into a plurality of data files on the random-access, computer-readable and writeable medium, wherein each of the plurality of data files stores a sequence of digital still images;

an encoder mounted in the portable housing and having an input for receiving a sequence of digital still images and having an output for providing an output video signal from the received sequence of digital still images;

a switch mounted in the portable housing having a first input for receiving the sequence of digital still images from the decoder and a second input for receiving the sequence of digital still images from the random-access, computer-readable and writeable medium, and an output connected to provide one of the received sequences of digital still images to the input of the encoder;

an interface on the portable housing for causing the switch to provide one of the first and second inputs to the input of the encoder; and

means, in the portable housing, for enabling the user to specify a sequence of segments of the plurality of data files stored on the random-access, computer-readable and writeable medium; and

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means, in the portable housing, for enabling the user to initiate playback of full motion video by the encoder by providing the digital still images from the plurality of data files stored on the random-access, computer-readable and writeable medium through the switch according to the specified sequence of segments of the plurality of data files.

5. (Three times amended) A digital video recording device, comprising:

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a portable housing;

a camera mounted on the portable housing having an output for providing a full motion video signal;

a digital, computer-readable and writeable random access medium mounted in the portable housing;

means, in the portable housing, for enabling a user to capture digital video information corresponding to the full motion video signal into a plurality of data files in a computer readable file format on the digital, computer-readable and writeable random-access medium;

an encoder mounted in the portable housing and having a first input for receiving digital video information from files stored on the digital computer-readable and writeable random-access medium, a second input for receiving digital video information corresponding to the full motion video signal from the camera and an output providing a video signal according to the first or second input;

means in the portable housing for causing the encoder to select between the first and second inputs; and

means in the portable housing for enabling the user to specify a sequence of segments of the plurality of data files stored on the digital, computer-readable and writeable random-access medium; and

means in the portable housing for enabling the user to initiate playback of full motion video by the encoder by providing the digital video information from the plurality of data files stored on the digital, computer-readable and writeable random-access medium to the first input of the encoder according to the specified sequence of segments of the plurality of data files.

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6. (Three times amended) A digital video recording device, comprising, in a portable housing:

a camera for providing a full motion video signal;

means for storing data;

means for enabling a user to capture digital video information corresponding to the full motion video signal into a plurality of data files in a computer readable file format on the means for storing;

an encoder having a first input for receiving stored digital video information from the means for storing and a second input for receiving digital video information corresponding to the full motion video signal, and an output for providing a video signal according to either the first or second input;

means for causing the encoder to select between the first and second inputs; and

means for enabling the user to specify a sequence of segments of the plurality of data files stored on the means for storing; and

means for enabling the user to initiate playback of full motion video by the encoder by providing the digital video information from the plurality of files stored on the means for storing to the first input of the encoder according to the specified sequence of segments of the plurality of data files.

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7. (Amended) The digital video recording device of claim 6, further comprising:

means for selectively operating the means for storing to store digital video information corresponding to the received full motion video signal as digital video information or to direct stored digital video information to the first input of the encoder.

8. Previously Cancelled.

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9. (Amended) The digital video recording device of claim 8, further comprising:

a second encoder having a first input connected to receive stored digital video information from the means for storing and a second input connected to receive digital video information corresponding to the received full motion video signal, and an output for providing an output video signal according to a selected one of the first and second inputs; and
means for causing the second encoder to select from one of the first and second inputs.

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10. (Amended) The digital video recording device of claim *4*, further comprising:

means for receiving and for storing on the means for storing digital audio information in a plurality of data files;

an audio encoder having a first input connected to receive input audio information and a second input to receive stored digital audio information from the means for storing, and an output providing an output audio signal according to a selected one of the first and second inputs; and

means for causing the audio encoder to select from one of the first and second inputs.

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11 (Amended) The digital video recording device of claim *4*, further comprising:

a first bus connecting the camera to the first input of the encoder; and

a second bus connecting the means for storing to the second input of the encoder.

12 12. Cancelled.

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9 *13* (Amended) The digital motion video recorder according to claim 1, further comprising:

a media data buffer for receiving a sequence of digital still images from the decoder and for providing the received sequence of digital still images to the digital, computer-readable and writeable random-access medium; and

a processor for controlling data flow between the media data buffer and the digital, computer-readable and writeable random-access medium.

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~~14~~ (Amended) The digital motion video recorder according to claim 1, further comprising:
a first pixel bus for transmitting a sequence of digital still images from the decoder; and
a second pixel bus for transmitting a sequence of digital still images from the digital,
computer-readable and writeable random-access medium, wherein the first pixel bus is
connected to the first input of the switch and the second pixel bus is connected to the second
input of the switch.

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~~15~~ (Amended) The digital motion video recorder according to claim 1, wherein the digital,
computer-readable and writeable random-access medium is a disk drive having a capacity to
store several minutes of sequences of digital still images.

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~~16~~ (Amended) The digital motion video recorder according to claim 1, further comprising
means for storing digital audio information in a plurality of data files on the digital, computer-
readable and writeable random-access medium, and for playing back the digital audio
information in synchronization with the full motion video signal output by the encoder.

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~~17~~ (Twice Amended) A digital video recording device, comprising:
a portable housing;
a camera attached to the portable housing and having an output providing live digital
video information;
a display mounted on the portable housing;
a random access, computer-readable and writeable medium mounted within the portable
housing;
means, in the portable housing, for enabling a user to capture digital video information
from the camera into a plurality of data files in a computer readable file format on the random
access, computer-readable and writeable medium;
a first encoder mounted within the portable housing having an input for receiving digital
video information and an output for providing output video information;

a second encoder mounted within the portable housing having an input for receiving digital video information and an output for providing an output video signal to the display;

a first switch mounted within the portable housing and having a first input for receiving live digital video information from the camera and a second input for receiving recorded digital video information from the random access computer-readable and writeable medium, and an output connected to provide the digital video information to the input of the first encoder;

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a second switch mounted within the portable housing and having a first input for receiving live digital video information from the camera and a second input for receiving recorded digital video information from the random access computer-readable and writeable medium, and an output connected to provide the digital video information to the input of the second encoder;

means for enabling the user to specify a sequence of segments of the plurality of data files stored on the random access, computer-readable and writeable medium;

means for enabling the user to initiate playback of full motion video by the first encoder by providing the digital video information from the plurality of files stored on the random access, computer readable and writeable medium through the first switch according to the specified sequence of segments of the plurality of data files, including means for controlling the first switch; and

means for enabling the user to initiate playback of full motion video by the second encoder by providing the digital video information from the plurality of files stored on the random access, computer readable and writeable medium through the second switch, according to the specified sequence of segments of the plurality of data files, including means for controlling the second switch.

18. Cancelled.

DA *18* (New) The digital video recording device of claim *13* further comprising:

means for setting the first switch to allow playback of full motion video from the camera by the first encoder during playback by the second encoder of the sequence of segments from the plurality of data files.

20. (New) A digital video recording device, comprising:

a portable housing;
a camera mounted on the portable housing having an output for providing a full motion video signal;

a digital, computer-readable and writeable random access medium mounted in the portable housing;

means, in the portable housing, for enabling a user to capture digital video information corresponding to the full motion video signal into a plurality of data files in a computer readable file format on the digital, computer-readable and writeable random-access medium;

an encoder mounted in the portable housing and having a first input for receiving digital video information from files stored on the digital computer-readable and writeable random-access medium, a second input for receiving digital video information corresponding to the full motion video signal from the camera and an output providing a video signal according to the first or second input;

means in the portable housing for causing the encoder to select between the first and second inputs; and

means in the portable housing for enabling the user to specify a list of portions of the plurality of data files stored on the digital, computer-readable and writeable random-access medium; and

means in the portable housing for enabling the user to initiate playback of full motion video by the encoder as a contiguous output signal by providing the digital video information from the plurality of data files stored on the digital, computer-readable and writeable random-access medium to the first input of the encoder according to the specified list of portions of the plurality of data files.